Amendments to the Specification:

Please replace paragraph beginning on line 26 of page 6 with the following amended paragraph:

Figure 13A. Influence of the amount of CPL_4 incorporated into SPLP on the uptake of SPLP-CPL_4 into BHK cells. Uptake of SPLP containing 0 (●), 2 (■), 3 (▼), or 4 (◆) mol% CPL_4 was investigated; the uptake of DOPE:DODAC lipoplexes (∓) is given for comparison. The insertion of CPL_4 into SPLP and the preparation of lipoplexes was performed as described in Materials and Methods, Example II. The SPLP-CPL_4 media contained 40 mM $CaCl_2$ to prevent aggregation, addition to the BHK cells resulted in dilution of the $CaCl_2$ concentration to 8 mM. The uptake protocol involved incubation of SPLP-CPL_4 (20 μM total lipid) with 10^5 BHK cells in DMEM containing 10% FBS. Following incubation, the cells were lysed and uptake of rhodamine-PE was measured as described in Materials and Methods, Example II. **Figure 13B.** Fluorescence micrographs of BHK cells following uptake of SPLP (Panel I) and SPLP containing 4 mol% CPL_4 (Panel II) following a 4 h incubation. The micrographs on the left were taken in the phase contrast mode and those on the right in the (rhodamine) fluorescence mode.

Please replace paragraph beginning on line 4 of page 8 with the following amended paragraph:

Figure 18A. The transfection potency of SPLP-CPL_4 (●) containing 4 mol% CPL_4 and ~~and~~ Lipofectin lipoplexes (◆) following extended transfection times with BHK cells. SPLP-CPL_4 and lipoplexes were generated as indicated for Figure 10. BHK cells were transfected in DMEM containing 10% FBS for 24 and 48 h with SPLP-CPL_4 and Lipofectin lipoplexes (charge ratio of 1.5:1) containing 5.0 μg/mL pCMVLuc. Following transfection the luciferase expression levels and cell protein levels were determined in the cell lysate. The luciferase activity was normalized for protein content in the lysate and plotted as a function of

transfection time. **Figure 18B.** The toxicity of SPLP-CPL_4 (●) containing 4 mol% CPL_4 and ~~and~~ Lipofectin lipoplexes (◆) as a function of transfection time, as assayed by cell survival based on the protein concentration in the cell lysate.

Please replace paragraph beginning on line 29 of page 8 with the following amended paragraph:

Figure 21. A synthetic scheme for the preparation of cationic-PEG-lipid conjugates having varying amount of charged head groups (**Figure 21A**~~a.~~) $Et_3N/CHCl_3$; (**Figure 21B**~~b~~.) TFA /$CHCl_3$; c. Et_3N / $CHCI_3$ Nα, Nε-di-t-Boc-L-Lysine N-hydroxysuccinide ester.